

AMENDMENTSIn the Claims:

1-10. (Canceled)

11. (Previously presented) A process for producing a chelating resin comprising:
reacting a nucleophilic compound with carbon disulfide in a solvent, to form a carbodithioic acid;
neutralizing said carbodithioic acid with a base to form a carbodithioic acid salt; and
reacting reactive sites on said carbodithioic acid salt with a crosslinking reagent in a solvent to form a solid chelating resin.

12. (Original) The process of claim 11 wherein said chelating resin comprises a (poly)dithiocarbamate resin.

13. (Original) The process of claim 11 wherein said nucleophilic compound comprises an amine.

14. (Original) The process of claim 13 wherein said amine comprises a polyamine.

15. (Original) The process of claim 14 wherein said polyamine comprises polyethyleneimine polyamine.

16. (Previously presented) The process of claim 11 wherein the molar ratio of carbon disulfide to reactive nucleophilic sites is from 0.1:1.0 to 0.9:1.0.

17. (Previously presented) The process of claim 16 wherein the molar ratio of carbon disulfide to reactive nucleophilic sites is from 0.3:1.0 to 0.7:1.0.

18. (Previously presented) The process of claim 11, wherein said nucleophilic reaction occurs at a pH of from 7.0 to 13.0.

19-23. (Canceled)